

AMENDMENTS TO THE ABSTRACT

Please add the following abstract to the end of the application:

A process analysis system for analyzing the efficiency of industrial processes includes a first radio system (104) associated with an input part of a processing system, and a second radio system (105) associated with an output part of a processing system, and a Radio Frequency Identification (RFID) tag associated with an item (103) to be processed, wherein the first and second radio systems are able to communicate with the RFID tag as it and its associated item pass through the processing system, and data associated therewith is stored on a data logging system. The system may be employed to check the time taken to process the item, or to check other parameters of the process, such as sorting accuracy for a sorting process. The system is particularly suited to use in waste product sorting and filtration systems, where RFID tags can be placed on a sample basis on items to be sorted, but may be applied to other suitable processes.